Electric Grass Trimmer

Model No. TRJ609E

Form No. SJ-TRJ609E-880E

A Division of Snow Joe, LLC

OPERATOR'S MANUAL

⚠ CAUTION!

Before using this electric tool, carefully read and observe the safety rules and instructions listed below. Before starting work, make sure that you know how to stop the machine in case of an emergency. The incorrect use of this machine could cause serious injury. Keep these instructions in a safe place and on hand so that they can be consulted when required.

⚠ CAUTION!

The grass trimmer should only be used for cutting lawns and along the borders of flower beds. Other uses of the trimmer not in these instructions, could damage the trimmer or seriously injure the operator.

GENERAL Safety Rules

- The grass trimmer must not be used by anyone under the age of 16.
- Always make sure the trimmer is in proper working condition before use.
- Before connecting the trimmer to the electric outlet, make sure that the rotating parts are not damaged.
- Do not use the trimmer if the cutting device is not secured properly or is damaged.
- Before starting the trimmer, make sure that the blade is not touching stones or debris.
- Always wear suitable clothing when using the trimmer to prevent head, hand, or feet injuries. Use a helmet, safety spectacles or goggles at all times when this tool is plugged in. High boots (or sturdy shoes and trousers) and work gloves are recommended.
- When the trimmer is in operation, keep the cutting section away from all parts of the body.
- Do not start the trimmer when it is upside down or when not in working position.
- Turn the trimmer off and disconnect the plug when: the trimmer is not being used; it is left unattended; it is being examined because it is not working correctly; the power supply cable is damaged; the trimming line spool is being removed or changed or when the trimmer is being moved from one place to another.
- Keep children, other people, and pets away from the trimmer; the grass which is cut and dispersed may contain stones and debris.
- Do not let other people or animals come within 20 feet of the trimmer when in use.
- Remain in a stable and secure position while operating the trimmer.
- Keep the area being cut free from wires, stones, and debris.
- Do not cut against hard objects. This could cause injury or damage the trimmer.
- Use the edge of the guard to keep the trimmer away from walls, surfaces, miscellaneous things, and delicate objects.

⚠ CAUTION!

The guard is critical to the safety of the operator and people near the trimmer. The guard keeps the trimmer in good working order and must always be in place during operation. Failure to have the guard in place during operation is dangerous and will void the warranty.

- Be careful of the line, which can give deep cuts.
- **Avoid accidentally starting** – Don't carry plugged-in tool with finger on trigger.
- **Do not force the tool** – At a rate faster than the rate at which it is able to cut effectively.
- **Use the right tool** – Do not use this tool for any job except that for which it is intended.
- **Don't overreach** – Keep proper footing and balance at all times.
- Do not try to stop the cutting device with your hands. Always let it come to a stop by itself.

⚠ CAUTION!

The trim line spool will continue to rotate after turning the trimmer OFF. Wait until the trim line spool has completely stopped before making contact.

- Only use the type of line originally provided with the trimmer.
- Do not use the trimmer to cut grass which is not in contact with the ground.
- Do not switch the grass trimmer on in enclosed or poorly ventilated spaces or in the presence of inflammable and/or explosive substances such as liquids, gas, and powders.
- The user of the grass trimmer is responsible for any damage sustained by third parties which has been caused by the grass trimmer within the working area.
- Only cut during broad daylight or with corresponding artificial light.
- Do not cross roads or gravel paths with the trimmer still running.
- When the trimmer is not in use, store it in a dry place and out of the reach of children.
- The trimmer must be operated vertical, perpendicular to the ground.
- Check regularly that all screws are properly secured.

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SAVE THESE INSTRUCTIONS

Electrical Safety Rules

- The voltage must correspond to the one marked on the technical data plate (120V~60Hz). Do not use other sources of power.
- The power line should have a circuit-breaker no lower than 10A. Consult an electrician.
- **Don't abuse cord** – Don't yank cord from power supply. Keep cord from heat, oil, and sharp edges.
- Never pass the grass trimmer over the extension cable when the grass trimmer is working as this could cut the cable. Mark sure you always know where the cable is.
- Use the special cable holder for the connection of the extension cable.
- Never use the trimmer when it is raining, avoid moisture and humidity. Do not leave the trimmer outside overnight or cut damp, wet grass.
- The power supply cable should be checked regularly and not damaged. If the cable is not in good condition, do not use the trimmer.
- Only use an extension cable which is rated for outdoor use. Keep the extension cable away from the cutting area, sharp edges, heat, fuels and damp, wet, oily surfaces.
- **Warning** – To reduce the risk of electric shock, use only with an extension cord intended for outdoor use, such as an extension cord of cord type SW-A, SOW-A, STW-A, STOW-A, SJW-A, SJOW-A, SJTW-A. or SJTOW-A.
- **Damage to unit** – If you strike or become entangled with a foreign object, stop tool immediately, unplug, check for damage and have any damage repaired before further operation is attempted. Do not operate with a broken hub or spool.
- **Damage to cord** – Keep power cord away from rotating line. If you damage the cord, unplug it from the power supply before moving the tool or examining the damage. A damaged cord must be replaced before further use.
- **Disconnect tool** – When not in use, when replacing line, or prior to cleaning.
- **Avoid dangerous environmental conditions** – Do not use electric tools in damp or wet locations. Don't use the tool in the rain. Follow all instructions in this Instruction Manual for proper operation of your tool.
- **Do not operate** portable electric tools in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.
- **Store idle tools indoors** – When not in use, tools should be stored indoors in a dry, locked-up place out of reach of children.
- **Ground fault circuit interrupter (GFCI)** protection should be provided on the circuits or outlets to be used for the gardening appliance. Receptacles are available having built in GFCI protection and may be used for this measure of protection.
- **Secure extension cord** using the cord retainer shown in Figure 4.
- **STAY ALERT** – Watch what you are doing. Use common sense. Do not operate tool when you are tired.
- **Maintain appliances with care** – Follow instructions for lubricating and changing accessories. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean and free from oil and grease.
- **Check damaged parts** – Before further use of the appliance, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.

  Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this manual.

SAFETY WARNINGS:

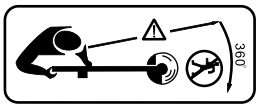
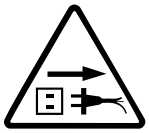
Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord. If the extension will be used outside, the cord must be suitable for outdoor work. The letters "WA" on the cord jacket indicate that the cord is suitable for outdoor use.

Minimum Gauge For Extension Cords

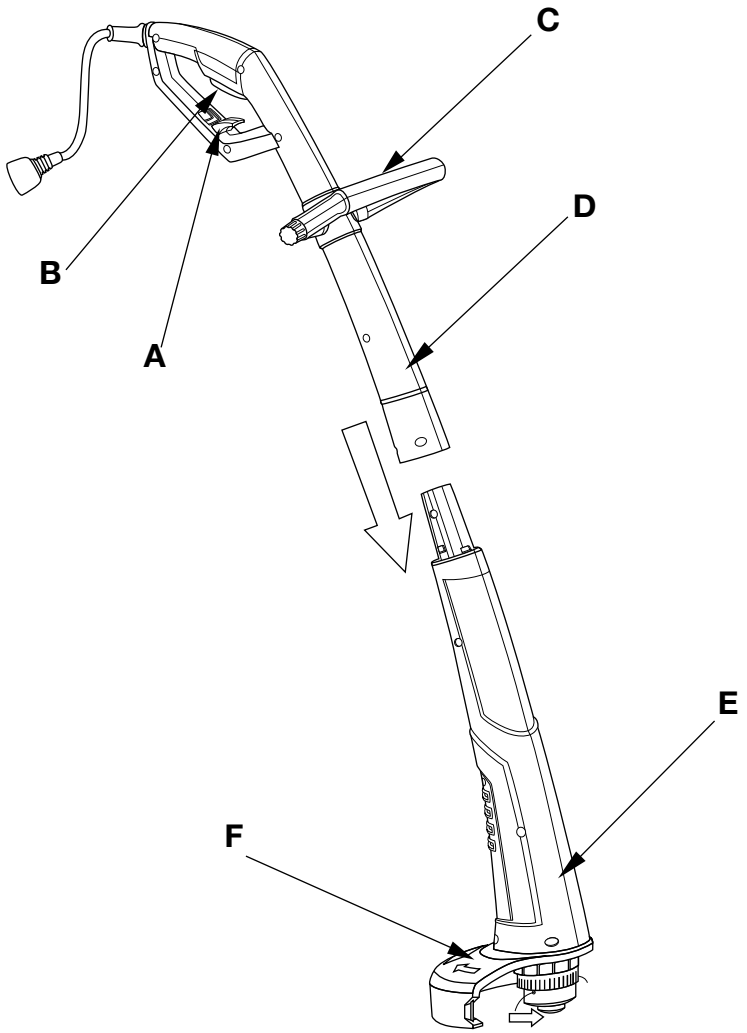
Volts	Total length of cord in feet			
120V	25	50	100	150
Ampere Rating More than Not more than	AWG			
0 – 6	18	16	16	14
6 – 10	18	16	14	12
10 – 12	16	16	14	12
12 – 16	14	12	Not Recommended	

Safety Symbols

The following table depicts and describes safety symbols that may appear on this product. Read, understand, and follow all instructions on the machine before attempting to assemble and operate.

Symbol	Description
	READ THE OPERATOR'S MANUAL(S) Read, understand and follow all instructions in the manual(s) before attempting to assemble and operate.
	WARNING! Keep out of rain and away from wet areas.
	DANGER! Beware of thrown objects to bystanders. Keep bystanders a safe distance away from the machine.
	WARNING! Remove the plug from the mains immediately if cable is damaged or cut.
	Wear eye protection. For protection against injury, wear safety goggles.
	Wear protective gloves when using the machine and handling debris.
	Wear hearing protection. For protection against injury, wear ear defenders.
	SAFETY ALERT, indicates a precaution, a warning or a danger.

Know Your Electric Grass Trimmer



A. Cable Restraint
B. ON/OFF Switch
C. Auxiliary Handle
D. Upper Handle
E. Motor Housing
F. Safety Guard

Technical Data

Rated voltage – 120V~60Hz

Rated Power – 3 AMP

Maximum Cutting diameter – 9.45-IN

Load Speed – 12,000/min

Diameter of Line – 0.055-IN

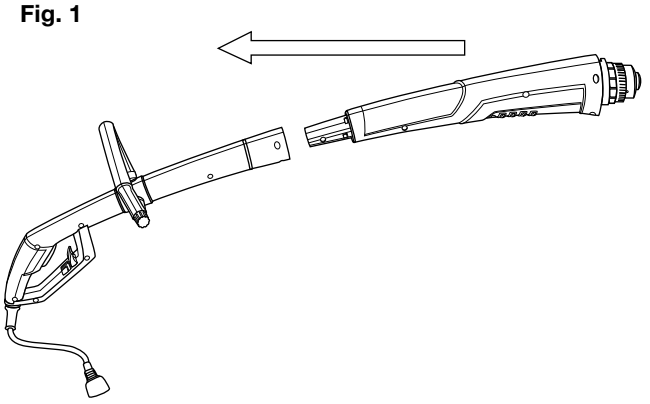
Spool Length – 19.4-FT

Assembly Prior to Use

Before assembly, make sure that the tool is switched off and unplugged.

1. Fitting the handle (Fig. 1)

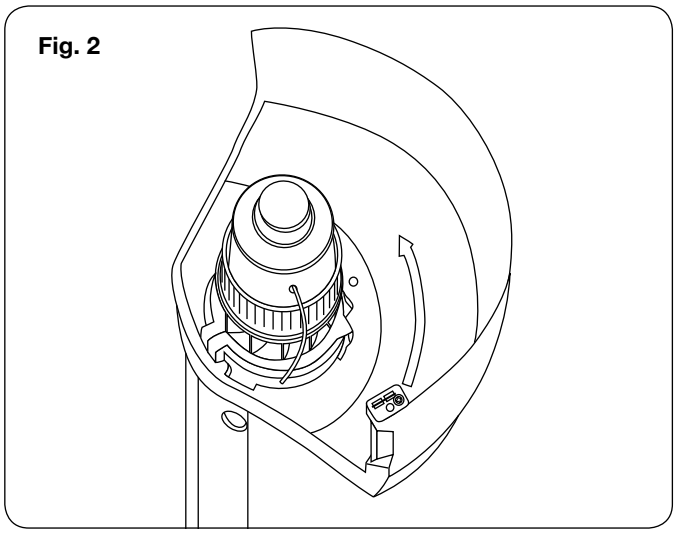
Fig. 1



a) Insert the motor housing into the handle, and make sure the handle is securely locked-in.

2. Fitting the guard (Fig. 2 & Fig. 3)

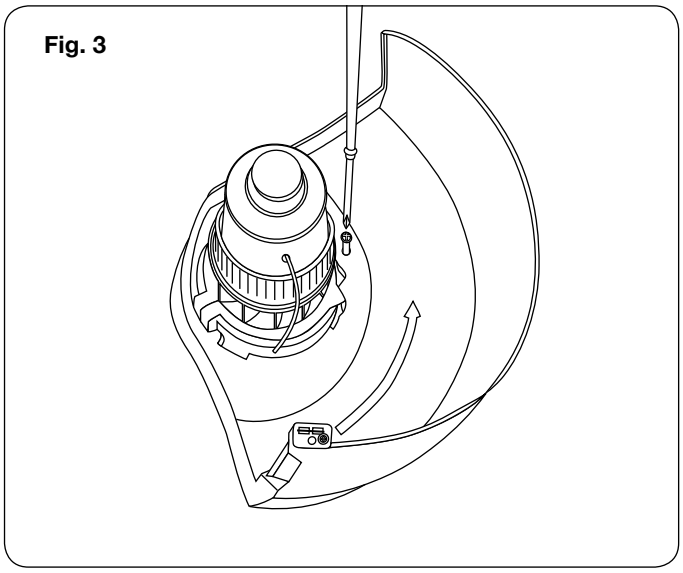
Fig. 2



a) Fix the safety guard to the trimmer head, making sure the sides are located into the grooves on the trimmer head.

Secure the safety guard onto the trimmer head with the screw provided.

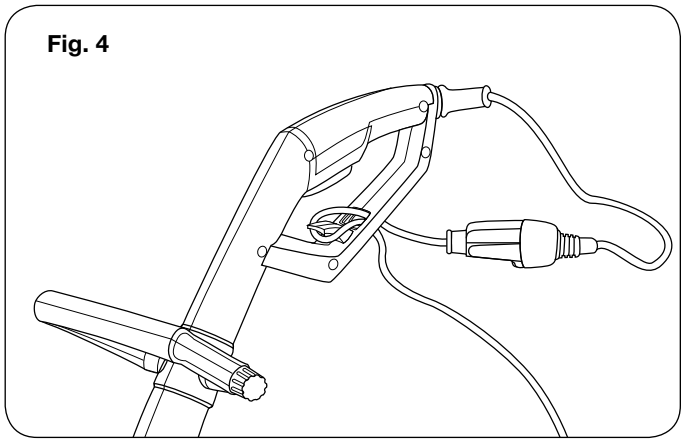
Fig. 3



Preparing the Trimmer For Use

1. Mains supply cable strain relief (Fig. 4)

Fig. 4



In order to reduce strain on the cable inlet, form a loop and hook the cable around the strain relief arm.

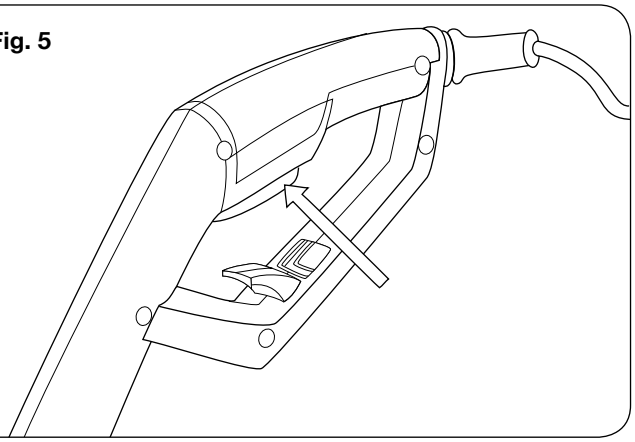
Operation

⚠ CAUTION: Always wear eye protection.

1. On/off switch (Fig. 5)

To switch on the trimmer, press and hold the trigger. Release the trigger to stop.

Fig. 5



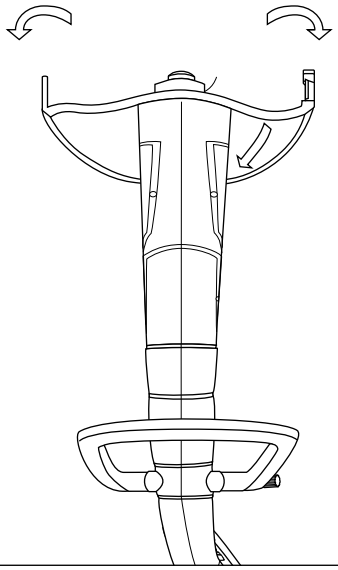
2. Trimming

a) Use the trimmer at an angle of approximately 15-degrees to the working area (Fig. 6).

Fig. 6

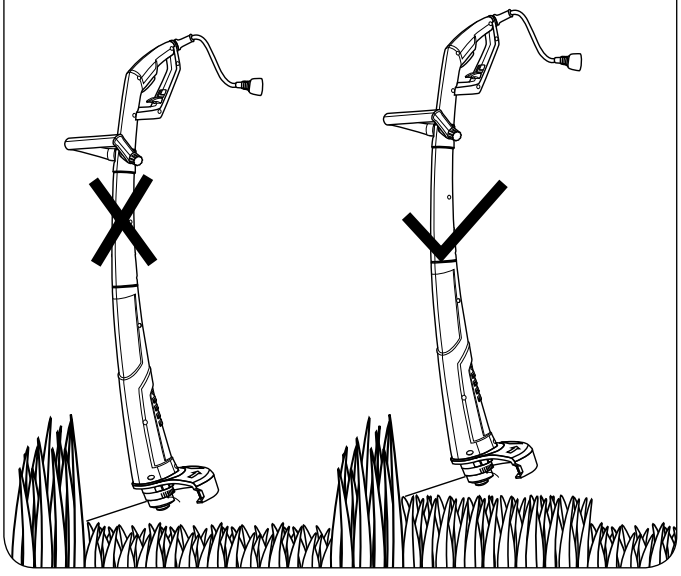
b) Slowly swing the trimmer from side to side (Fig. 7).

Fig. 7



3) Do not overload your trimmer, take small “bites”. This will keep machine operating at high speed and will greatly improve cutting efficiency (Fig. 8).

Fig. 8

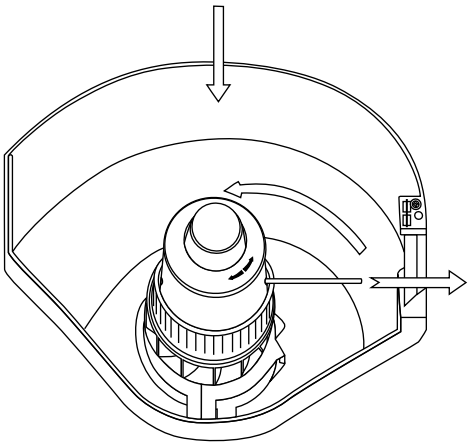


3. Starting for the first time and operation

You will need to exert a certain force to pull out the line when the trimmer is used for the first time. To do so, press on the

push button (Fig. 9) and pull out the line as far as the edge of the guard hood.

Fig. 9

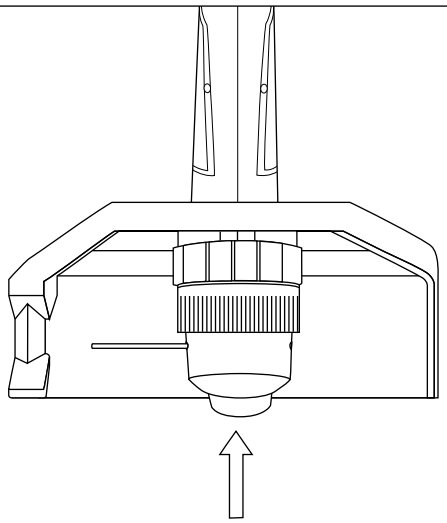


The line will be cut to the correct length the first time the cutting head is started. A short worn nylon line will result in poor cutting performance.

To restore the correct line length, press the trimmer against the ground while the cutting head is running.

The length of the line will then be adjusted automatically (Fig. 10).

Fig. 10

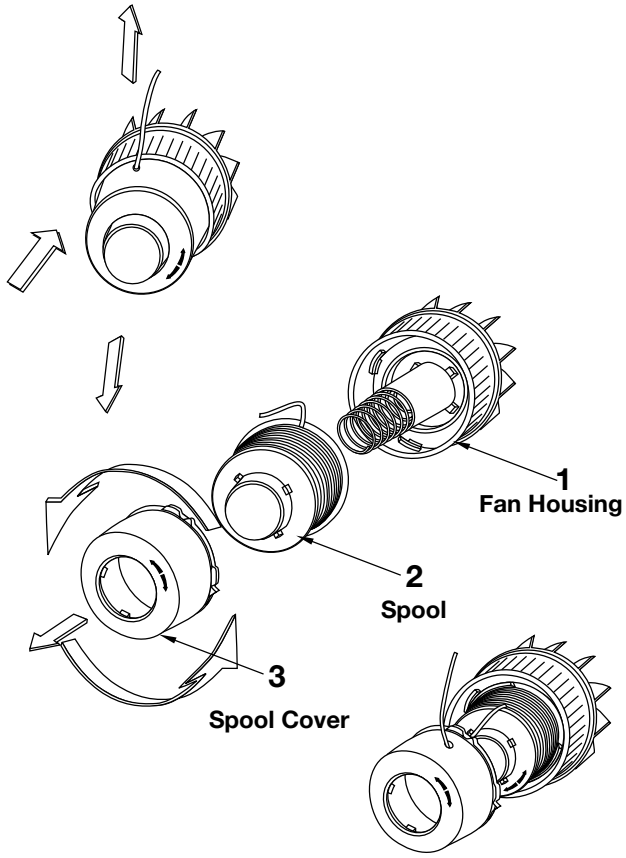


4. To replace the spool or cutting line

⚠ **WARNING: Unplug the mains supply cable before attempting to change the line.**

a) Hold the fan housing (1) and screw the spool cover (3) anticlockwise until it can be removed (Fig. 11).

Fig. 11



b) Replace the empty line spool with a full one. Thread the end of the line through the holes inside of the spool cover (3).

c) Place the spool cover on the fan, hold the fan housing and, screw the spool cover clockwise until it sits securely.

d) Press on the push button and pull out line as far as the edge of the guard hood.

e) The line will be cut to the correct length the first time the cutting head is started.

⚠ **CAUTION! Catapulted pieces of nylon line may cause injury.**

Note: The maximum recommended length of line in the spool is 10-FT (3m) per slot.

⚠ **WARNING: Pay attention to winding direction.**

a) Always replace the spool with a new pre-wound spool.

b) Insert the end of the line through an eyelet in the cutting head.

IMPORTANT: Keep all areas of the cutting head cover and cutting head clean. Place the cap back by pushing it firmly into the cutting head. To ensure that the cutting head cover is correctly fitted, try to remove it without depressing the two latches. If it is correctly fitted it should not move.

Maintenance

Be sure the tool is unplugged.

1) Your grass trimmer requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool.

2) Your trimmer line can dry out over time. To keep your line in top condition, store spare pre-wound spools or bulk line in plastic, sealable bag with a tablespoon of water.

3) Never use water or chemical cleaners to clean your grass trimmer. Wipe clean with a dry cloth.

4) Plastic parts may be cleaned by using a mild soap and damp rag.

5) Always store your grass trimmer in a dry place. Do not allow any liquid to get inside it.

6) Keep the motor ventilation slots clean.

7) If you see some sparks flashing in the ventilation slots, this is normal and will not damage your power tool.

8) There are no user serviceable parts in the trimmer. If a fault is suspected return the trimmer to an authorized dealer for repair.

IMPORTANT:

To assure product safety and reliability, repairs, maintenance and adjustment should be performed by authorized service centers or other qualified service organization, always using identical replacement parts.

Troubleshooting

If your tool seems not to operate properly, follow the instructions below. If this does not solve the problem, please contact your local dealer's Authorised Service Centre.

- Before proceeding, unplug the tool.

Tool runs slowly

- Check that the spool housing can rotate freely. Carefully clean it if necessary.
- Check that the cutting line does not protrude. If it does, cut it off so that it just reaches the line trimming blade.

Bump line feed does not work

- Keep the tabs depressed and remove the spool cover from the housing.
- Pull the cutting line until it reaches the trimming blade. If insufficient cutting line is left on the spool, install a new spool of cutting line as instructed above.
- Align the tabs on the spool cover with the holes in the housing.
- Push the cover onto the housing until it snaps securely into place.
- If the cutting line protrudes beyond the trimming blade, cut it off so that it just reaches the blade.

Service and Support

If your Electric Grass Trimmer requires service or maintenance, please call 1-866-766-9563 for assistance.

Model and Serial Numbers

When contacting the company or reordering parts, you will need to provide the model and serial numbers of your product. These are found on the decal affixed to the housing or guard of your Electric Grass Trimmer. Copy these numbers into the space provided below.

Record the following numbers from the housing or handle of your new product:

Model #:

T	R	J	6	0	9	E

Serial #:

NOTES

A Two-Year Full Warranty for residential use in the United States and Canada

General Conditions:

Snow Joe, LLC warrants this product to the original purchaser for two years against defects in material or workmanship when used for normal residential purposes. Snow Joe, LLC will repair any defect in material or workmanship, and repair or replace any defective part, subject to the conditions, limitations, and exclusions set forth herein. Such repair or parts replacement will be free from charge to the original purchaser except noted below.

The duration of the warranty applies only if the product is put to personal use around the household or residence. If the product is put to any business use, commercial or industrial, then the duration of this warranty is 90 days from the date of original purchase. If any product is rented or leased, the duration of the warranty is 90 days from the date of original purchase.

It is the owner's responsibility to perform correctly all maintenance, and minor adjustments explained in the owner's manual.

Electric Products:

To obtain a replacement electric powered unit or repair the existing electric powered unit, you must return the complete unit and postage prepaid to: **Snow Joe Return Center, 86 Executive Avenue, Edison, NJ 08817.**

Gasoline / Battery Products:

Limitations

- Batteries are warranted only for the period of 12 months after the date of purchase on a prorated basis. Rechargeable batteries will be replaced free from charge during the first 90 days. After the initial 90 days, batteries will be replaced at prorated cost to the customer
- Idlers, cables, and electrical components are warranted to the original purchaser for use at household or residence for a period of two years

Exclusions

- Snow Joe brand engines are covered under this warranty. All other engines and engine accessories are covered only by the engine manufacturer's warranty and are not covered by this warranty
- Parts used that are not genuine Snow Joe parts are not covered by this warranty
- Damages resulting from misuse, alteration, improper assembly, improper adjustment, neglect, or accident which requires repair is not covered under this warranty
- Belts, augers, and tines are not covered under warranty – belts, augers, and tines wear out and can be purchased at www.snowjoe.com or by calling 1-866-766-9563

Snow Joe, LLC may from time to time change the design of its products. Nothing contained in this warranty shall be construed as obligating Snow Joe, LLC to incorporate such design changes into previously manufactured products, nor shall such changes be construed as an admission that previous designs were defective.

This warranty is intended to cover product defects only. Snow Joe, LLC is not liable for indirect, incidental, or consequential damages in connection with the use of the Snow Joe Products covered by this warranty. This warranty does not cover any cost or expense incurred by the purchaser in providing substitute equipment or service during reasonable periods of malfunction or non-use of this product, while waiting for completion of repairs under this warranty. Some states do not allow exclusions of incidental or consequential damages, so the above exclusions may not apply in all states. This warranty may give you specific legal rights in your state.

If you wish to contact Snow Joe, please direct inquiries to the:
Customer Service Department
Snow Joe Center
86 Executive Avenue
Edison, NJ 08817

Customers who have purchased Snow Joe products exported from the United States and Canada should contact their Snow Joe Distributor (Dealer) to obtain information applicable for your country, province, or state. If for any reason, you are not satisfied with the distributor's service, or if you have difficulty obtaining warranty information, contact your Snow Joe seller. If in the event your efforts are unsatisfactory, please write to the Snow Joe Center at the above address.

If you have any questions about your product warranty, please call 1-866-SNOW-JOE or visit us online at www.snowjoe.com.